Narcotics Search Tool (P/N 300-200): Operating Instructions

The FoxFury Scout Narcotics Search Light is a tool to help locate potential street narcotics. It is the world's first light available to the Law Enforcement community and similarly Trained Personnel.

The Scout Narcotics Search Light serves as a presumptive test. As such, a Chemical Test **MUST** be conducted for definitive "Source Identification" to validate the sample.

The Narcotics Search light must be used under the same conditions (requirements) as any other Forensic Alternate Light Source (see Page 4).

This technique, previously implemented by Crime Scene Investigative units, has been de-mystified and simplified and can now be used by Trained Law Enforcement and Security personnel.

What Narcotics will the light evidence?

- Marijuana
- Methamphetamine
- Cocaine
- Heroin
- PCP

Who uses the Scout Narcotics Search Light?

- Law Enforcement
- Trained Building Security Firms
- Trained School Security

Validation: The Narcotics Search Light's performance has been validated by:

- HVE Forensics: Guilford, CT, USA
- Crackdown Drug Testing: Oldham, United Kingdom

Narcotics Search Components:

Narcotics Search Light

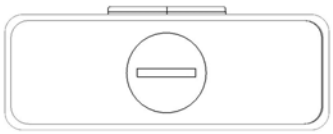
Belt Clip

Orange Goggles

INSTRUCTION MANUAL

UNIT ACTIVATION - BATTERY INSTALLLATION / REPLACEMENT

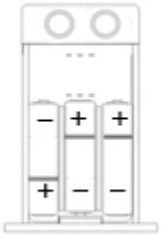
1. Using a coin, or large flat screwdriver, turn battery compartment knob (located at the bottom of the unit) to the OPEN position. Then pull the battery compartment out. To activate the light, remove the tab inside the battery compartment.



Close Position

Open Position

2. Install three (3) each Alkaline or Rechargeable (NiCd / NiMH) AAA batteries inside the compartment following orientation markings.



3-Reinsert the compartment and turn the knob to CLOSE.

NOTES:

A- Inspect the “O”-Ring (between bottom cover and battery compartment) every time you replace batteries. The “O”-Ring is necessary to create a water seal. The unit only becomes 100% WATERPROOF if the “O” Ring is installed.

B- Batteries

1. For greater ease of use, the Narcotics Search Light has been designed for minimum weight and volume. This has been done at the expense of battery life.
2. Depending on different conditions, average alkaline battery life is expected to be:
    a. Ninety (90) minutes with ON-OFF performance
    b. Sixty (60) minutes of continuous ON performance
    c. Photo Grade Batteries will increase these times by up to 50%
3. Do not mix different brands of batteries, or new batteries with used batteries.
4. Respect the polarity of the batteries when installing them in the Battery pack. *Failing to do so may result in explosions due to gaseous emissions from leaking batteries.*

OPERATIONAL MODE

- ON / OFF only.
- ***Make sure to turn unit “OFF” when not in use***.

CARE

- Treat the light and goggles as you would an expensive pair of glasses or goggles.

CLEANING

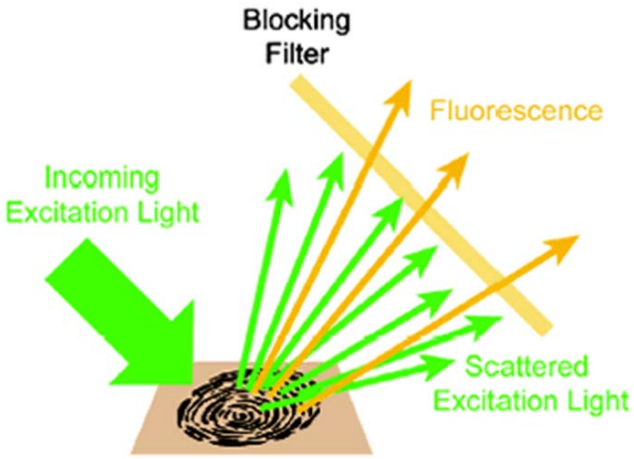
- Clean the light using water and soap. Ensure that the battery pack is sealed before washing. Pat dry with a damp cloth.
- Yearly, use silicone-based lubricant on the “O” Ring to prevent cracking and maintain the water seal.

HOW TO USE THE NARCOTICS SEARCH LIGHT:

CONCEPT

- The Narcotics Search identification process works by shining a very specific wavelength onto a sample. The fluorescence needs to be “seen” through a very specific filter, which blocks the blue light emitted.
- FoxFury has performed substantial studies to verify and validate the performance of this light in the identification of the narcotics listed below.

By Implementing the Narcotics Search Light, narcotics can be seen by the human eye as a fluorescing item.



FALSE POSITIVES

While there are potential False Positives (substances that may fluoresce, even though they are not Narcotics), the distribution of evidence will be completely different.

Even though substantial tests have failed to reveal it, some cosmetics (mostly lipstick) and food additives may potentially be seen as False Positives.

Even if this were the case, the evidence would appear as a smear, and not sporadically everywhere around the area, as is the case with narcotics.

PRESUMPTIVE TEST

The Scout Narcotics Search light serves as a presumptive test. As such, a Chemical Test **MUST** be conducted for definitive "Source Identification."

HOW TO TEST: ENVIRONMENT

The Narcotics Search Light works best in dark conditions.
The less stray/ambient light affecting the Narcotics Light, the more effective are the results obtained.

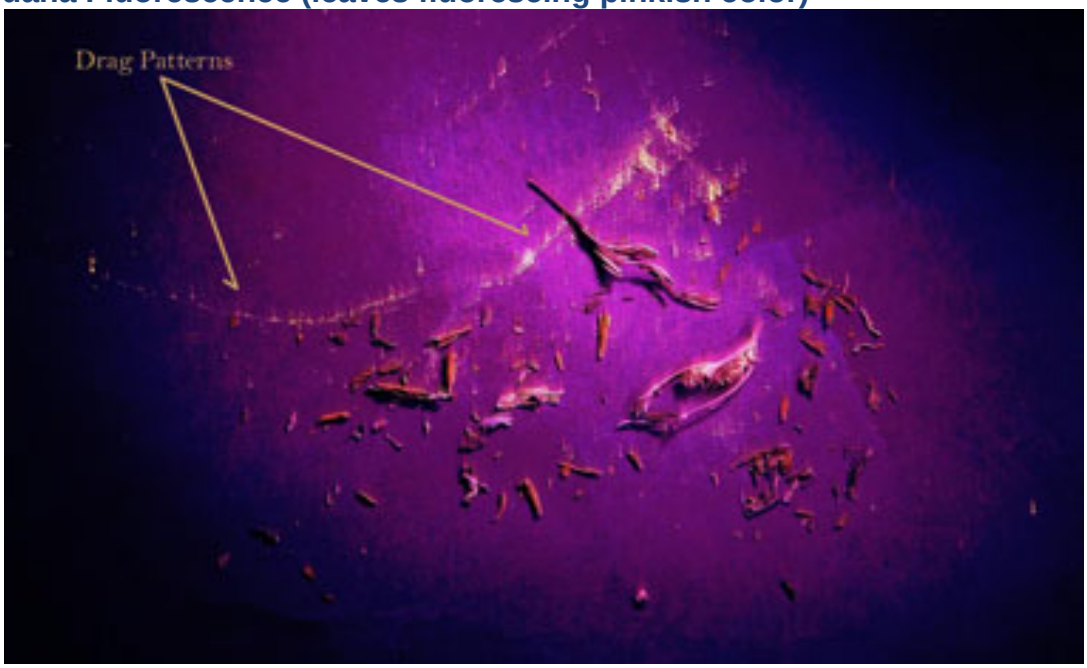
DIRECTIONS FOR USE:

1. Must be used in darkness / low ambient light conditions.
2. Orange Goggles (included) must be used in order to visualize any evidence.
3. The light should be aimed 6 to 12 inches (15 to 30 cm) away from the items in question.
4. The User aims the light at any area in question, and views the fluorescence through the Orange Goggles supplied.
5. Narcotic residues will show as a colored fluorescence - the specific colors and details can be found in Table 1 (below).
6. Evidence must be photographed by placing an orange filter in front of the camera lens.

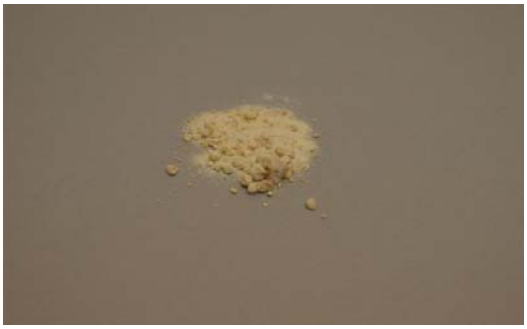
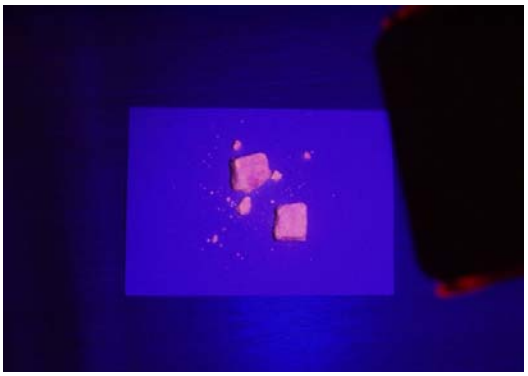
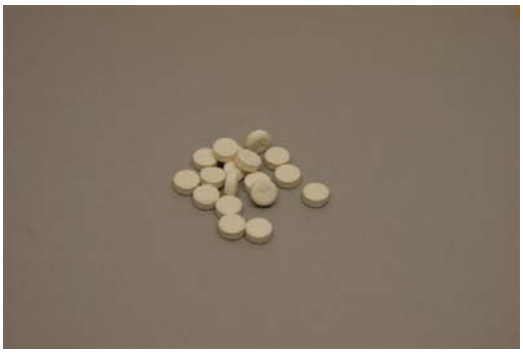
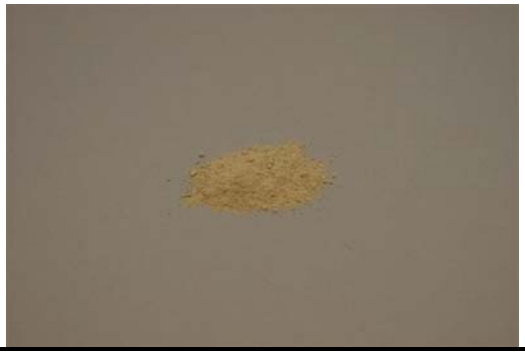
Table 1: Narcotic Evidence Color Fluorescence

SAMPLE TYPE	SEEN IN AMBIENT LIGHT	FLUORESCING COLORS VIEWED THROUGH NARCOTIC LIGHT
Marijuana	Tobacco Traces	Reddish-Brown (human eye) Pinkish (camera) (see image below)
Methamphetamines	White Crystals	White-Gray
Ephedrine	Yellow Liquid	Yellow
Cocaine	White Pieces	White
Rock Cocaine	White Lumps	White-Gray
Heroin	White-Flat Pieces	Pink-Gray
Heroin Low Grade		Salmon color – more intense
PCP	Yellow Powder	White, Yellow-White

Fig. 1: Marijuana Fluorescence (leaves fluorescing pinkish color)



SAMPLE DRUG FLUORESCENCE PICTURES (Actual Results May Vary)

DRUG	*CONTROL*	*FLUORESCENCE OBSERVED*
AMPHETAMINE		
COCAINE		
CRACK COCAINE		
ECSTASY / MDMA		
HEROIN (Brown)		

DRUG	*CONTROL*	*FLUORESCENCE OBSERVED*
MARIJUANA: Cannabis Resin		
MARIJUANA: Cannabis Pipe		

Narcotics Images provided by: crackdown-drugtesting

WARNINGS

- *Lights are strong enough to cause damage to the human eye.*
  Do not stare into LEDs for long periods of time or from a close range (less than 2 feet).
- *FOXFURY, LLC is not responsible for the incorrect use of the FoxFury Narcotics Search Light.*
  Usage of THIS product is intended for ADULTS ONLY.
  Adult supervision is required if used by a minor.
- *FOXFURY, LLC is not responsible for any injury or damage caused during the use of this product.*
- *Do not use under the influence of drugs or alcohol.*

- *The FoxFury Narcotics Search Light has no User Serviceable Parts. Do not attempt to repair, or otherwise modify the unit. Doing so will VOID the Warranty.*
- *In case of damage, the Product must be returned to Crackdown Drugtesting in order to assess how best to proceed in fixing the unit.*

In case of ANY questions, please contact UK Distributor:

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